

New Method for Producing High OD Phycoerythrin

5

ABSTRACT OF THE INVENTION

A new method for producing phycoerythrin with high optical density [OD] from the group selected from an algae whose life cycle has sexual reproduction, asexual reproduction, and vegetative propagation, such as *Galaxaura oblongata*, *Halymenia ceylanica*, *Helminthocladia australis*, and *Porphyra dentata*.

10